2025 年 12 月

i-PRO Docker® 拡張モジュールについて

i-PRO Docker® Extension Module

EXT+AZ V1.03

1. 概要 Overview

i-PRO Docker® 拡張モジュールは i-PRO カメラ上で Docker を動作させるためのパッケージソフトウェアです。
i-PRO 株式会社が以下のソフトウェアを含むパッケージを作成し配布します。
i-PRO Docker® Extension Module is a package software for running Docker on i-PRO camera. i-PRO Co., Ltd. creates and distributes the package including the following software.

・Docker®
・Azure® IoT Edge runtime
・Open Policy Agent

2. 対象機種 Supported camera model

i-PRO Docker® 拡張モジュールは Ambarella CV52 のシステム・オン・チップを搭載したカメラにインストールすることができます。対象機種のリストは、プロダクトセレクター から「開発者向け」カテゴリの「システム・オン・チップ」でフィルタリングすることで確認できます。

The i-PRO Docker® extension module can be installed on the camera whose SoC is Ambarella CV52. The list of models can be found on Product selector by filtering by System-on-chip in the Basic feature.

3. 対象ファームウェアバージョン Supported firmware version

i-PRO Docker® 拡張モジュール バージョン EXT+AZ 1.03 をインストールするにはカメラのファームウェアが以下のバージョンである必要があります。

ファームウェアバージョン 3.30 以降

To install the i-PRO Docker® extension module version EXT+AZ 1.03, the camera firmware must be the following version:

Firmware version 3.30 or later

4. 過去互換性について Backward compatibility

i-PRO Docker® 拡張モジュール バージョン EXT+AZ は、以下の旧バージョンの上位互換となりますので、更新後も今までの機能はそのままお使いいただけます。

- i-PRO Docker® 拡張モジュール バージョン AZ 1.01
- i-PRO Docker® 拡張モジュール バージョン AZ 2.00
- i-PRO Docker® 拡張モジュール バージョン EXT+AZ のすべての過去バージョン

i-PRO Docker® extension module version EXT+AZ is upwardly compatible with the following older versions, so you can continue to use the previous functions even after updating.

- i-PRO Docker® extension module version AZ 1.01
- i-PRO Docker® extension module version AZ 2.00
- i-PRO Docker® extension module version EXT+AZ all previous versions

5. 使用方法 How to use

本モジュールは i-PRO CAMERA SDK を利用した機能追加アプリケーション開発、および開発したアプリケーションの実行にご利用いただけます。詳細は、Development Partner Portal (https://dev-partner.i-pro.com/) の「チュートリアル (Container AdamApp 編)」- 「開発環境構築 (Container AdamApp) 」ページ内の「Docker 拡張モジュールのインストール」をご参照ください。
また、i-PRO 設定ツール バージョン 4.10 以降では、「機能拡張ソフトウェアの管理」-「アプリケーションの登録/更新」メニューからもインストールが可能です。

This module can be used to develop applications that add functions using the i-PRO CAMERA SDK, and to run the developed applications. For details, please refer to "Installing the Docker extension module" on the "Tutorial (Container AdamApp)" - "Install development environment (Container AdamApp)" page of the Development Partner Portal (https://dev-partner-en.i-pro.com/).

With the i-PRO Configuration Tool version 4.10 or later, it can also be installed from the "Ext. Software Management" - " App. installation/Update" menu.

6. OSS について About OSS

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argon2rs

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k8s-openapi

https://github.com/Arnavion/k8s-openapi-codegen

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scoped-threadpool-rs

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serde-rs/serde
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rust-num/num-traits

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McMaster.Extensions.CommandLineUtils

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Epoch-based garbage collection
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Utilities for concurrent programming
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env_logger

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remove_dir_all
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dtolnay/ryu

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curl-sys

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git2-rs
git2-curl
libgit-sys

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libssh2-sys

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libz-sys

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openssl-probe

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winreg-rs

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version-compare

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bluss/indexmap

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BurntSushi/termcolor

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contain-rs/linked-hash-map

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seanmonstar/try-lock

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seanmonstar/want

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sfackler/typed-headers

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tafia/hyper-proxy

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mvdnes/zip-rs

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remram44/adler32-rs

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Jean-loup Gailly Mark Adler

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rayon-rs/rayon

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Kimundi/rustc-version-rs

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steveklabnik/semver

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magiclen/Byte-Unit

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hyperium/http-body

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frondeus/test-case

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bincode

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tikv/fail

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Frommi/miniz_oxide

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emk/rust-musl-builder

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jweyrich/proxylib

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[docker-file-log-driver]

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改定履歴 Version history

発行年月 Date	i-PRO Docker 拡張モジュールバージョン i-PRO Docker Extension Module Version	改定内容 Revision detail
2024 年 4 月 April 2024	Ver. 1.01	初版 Initial version
2024 年 6 月 June 2024	Ver. 2.00	・ カメラ本体のファームウェアバージョン 3.20 に対応。 Support firmware version 3.20 ・ 使用している OSS のバージョン更新 Update OSS version
2024 年 10 月 October 2024	EXT+AZ Ver. 1.00	・ カメラ本体のファームウェアバージョン 3.30 に対応。 Support firmware version 3.30 ・ 使用している OSS のバージョン更新 Update OSS version
2025 年 1 月 January 2025	EXT+AZ Ver. 1.01	・ カメラ本体のファームウェアバージョン 3.40 に対応。 Support firmware version 3.40 ・ 対象機種に WV-X15301-Z1LN を追加 Add WV-X15301-Z1LN to supported model
2025 年 6 月 June 2025	EXT+AZ Ver. 1.02	・ カメラ本体のファームウェアバージョン 3.50 に対応。 Support firmware version 3.50
2025 年 12 月 December 2025	EXT+AZ Ver. 1.03	・ 対象機種をプロダクトセレクターで確認するように変更。 ・ カメラ本体のファームウェアバージョン 3.65 に対応。 Support firmware version 3.65